

Attorney Docket No. 101792-200

U.S. Serial No. 10/077,727

Page 2 of 9

RECEIVED  
CENTRAL FAX CENTER

APR 09 2007

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Complete Listing of Claims:**

1. Canceled
2. (Currently amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core ~~containing~~ consisting essentially of surface oxidized copper powder or a copper-containing compound selected from the group consisting of cuprous oxide, copper hydroxide, ~~copper-containing salt(s)~~, and combinations thereof, and said shell ~~containing~~ consisting essentially of a copper pyrrithione formed by reaction of pyrrithione acid or a water-soluble salt of pyrrithione with a portion of said core copper or copper containing compound.
3. (Canceled)
4. (Previously Presented) The composition of claim 2 wherein said copper-powder or copper containing compound is present in said composition in an amount of from about 99 to about 60% by weight, based upon the total weight of said composition.
5. (Canceled)
6. (Original) The composition of claim 4 wherein said copper-containing composite is present in said composition in an amount of from about 97 to about 86% by weight, based upon the total weight of said composition.

Attorney Docket No. 101792-200

U.S. Serial No. 10/077,727

Page 3 of 9

7. (Previously Presented) The composition of claim 2 wherein said copper pyrithione shell is present in an amount of from about 1 to about 40% by weight, based upon the total weight of said composition.

8. (Previously Presented) The composition of claim 6 wherein said copper pyrithione shell comprises from about 2 to about 20% by weight, based on the total weight of said composition.

9. (Previously Presented) The composition of claim 7 wherein said copper pyrithione shell comprises from about 3 to about 14% by weight, based on the total weight of said composition.

10. (Currently Amended) The composition of claim 2, further comprising surfactant or a fatty acid coating on said ~~particle of said copper-containing salt~~ shell.

11. (Original) The composition of claim 10 wherein said fatty acid is selected from the group consisting of stearic, oleic, glycerol, and combinations thereof.

Claims 12 – 34 (Canceled)

35. (Previously Presented) The composition of claim 2 wherein the core material is copper I oxide and the shell is copper II pyrithione.

36. (Previously Presented) The composition of claim 35 wherein the weight ratio of copper oxide to copper pyrithione is from 5:1 to 15:1, and a coating diameter is about 1% of the particle.

37. (Canceled)

38. (Canceled)

39. (Canceled)

Attorney Docket No. 101792-200

U.S. Serial No. 10/077,727

Page 4 of 9

40. (Previously Presented) The composition of claim 2, wherein the copper pyrithione and the copper or copper-containing compound are present within a weight range of ratios from 1:20 to 20:1 of copper pyrithione relative to the copper or copper-containing compound.